

DriveGuard Basic™

(product code CT-2B System)

DriveGuard Basic™ Overview



The DriveGuard Basic™ is a basic stand-alone system that will trigger sounders and/or cameras when vehicles enter the driveway. No longer will you be surprised by drive-up visitors!

Its sensor is buried beside and near the end of the driveway, hidden and vandal-proof. It only detects moving steel, eliminating false alarms caused by animals or blowing objects. Its control unit is installed in a basement or closet and its sounders fit in a light switch box.

With two adjustments and a choice of sounders, this is one of the most versatile and reliable basic vehicle detection systems in the market today. It is also a dependable system with a long field life and a five year warranty. It has a proven track record since 1975.

This system is recommended for driveways longer than 75 feet.

American made and supported.

DriveGuard Basic™ Features

- > Based on magnetometer technology
- > Provides trigger and timed relay output to announce the presence of any vehicle
- > Sensor buried beside and near the end of the driveway, hidden and vandal-proof
- > Covers 12 foot wide driveway
- > Direct burial cable of sensor coated with polyurethane and spliceable for field repairs
- > Supports any sensing device with a N.O., dry, floating relay contact
- > Single zone system
- > Single time output
- > Supports up to 4 sensor probes
- > Supports up to 12 sounders
- > Manual trip test button for diagnostics
- > Adjustable sensor sensitivity
- > Adjustable relay/annunciator time
- > Re-trigger hold-off
- > Transient suppression against lightning built in
- > RFI/EMF protection
- > Directional when using two systems together
- > Includes 12 volt transformer
- > Five year warranty
- > Made and supported in the U.S.

DriveGuard Basic™ Components

Three components make up the DriveGuard Basic™ system:

1. CT-2B control unit

The CT-2B control unit has a single timed output with simplified features. Field adjustments include relay time and sensor probe sensitivity. It comes in a high quality, white metal enclosure and is usually installed in a closet, basement, garage, utility room, etc. The



CT-2B supports up to four sensor probes and twelve sounders.



2. CT-6 sensor probe

Based on magnetometer technology, the CT-6 detects movement in the earth's magnetic field caused by moving steel. It will not detect animals, people or blowing objects. Wind and weather do not affect it. This makes it virtually false-alarm proof. It does not require power.

The CT-6 sensor probe should be buried 6-10 inches underground, toward the end, beside, and parallel to, the driveway. It covers a 12' wide driveway from the side. Wider driveways will require more than one sensor probe. It has direct burial cable attached, making conduit unnecessary. The cable is buried 3-6 inches underground, up to and into the house. It is connected to the control unit.

The CT-6 comes with a custom length of direct burial cable attached in increments of 50' from 100' to 500'; comes in increments of 100' from 500' to 3000'. The cable is polyurethane coated, making repair-splicing in the field possible.



3. Sounder(s)

Sounder(s) connected to the control unit alert the home occupants when vehicles are detected. These are flush mounted in a single gang electric box. They are connected to the control unit with CAT-5 wire. Each home will determine how many sounders should be used for best effect.

Three sounders are available:

- A. **CT-A1** is an electronic membrane sounder that blends in with any decor. Volume may be adjusted and muted.
- B. **CT-11** is an outdoor sounder with manual volume control. Includes metal face plate and gasket for weatherproof installation in single gang electric box.
- C. **AA-1** is a simplified sounder with a volume control knob. May be muted.

DriveGuard Basic™ Technical Specs

DriveGuard Basic™ (CT-2B)	
Power Required	8-31 VAC; 10-41 VDC
Stand-by Current	Under 1 mA
Alarm Current	45 mA max. (with one sounder)
Relay Contact Rating	Double pole, Double-throw 1st Pole: 12 VDC, 200 mA for remotes 2nd Pole: SPDT, 5 amps, 30 VDC
Relay Time	½ -15 seconds
Temperature Range	0° F. - 140° F. (-17° C. - +60° C.)
Dimensions (Enclosure & Bd)	5½" x 5½" x 2"
Dimensions (Sensor Probe)	16½" long x 1½" diameter
Weight (Enclosure & Bd)	2.5 lbs.
Weight (Total with Sensor)	6 lbs. with 100 ft. of cable

